

Electronic Version

Stylesheet Version v1.1.1

## Lane Changing Assist System For An Automotive Vehicle

### CROSS REFERENCE TO RELATED APPLICATIONS

[0001] The present invention claims priority to provisional application no. 60/476,520 filed on June 6, 2003.

### BACKGROUND OF INVENTION

[0002] The present invention relates generally to collision warning systems, and more particularly to a method and apparatus for warning a vehicle operator of another vehicle within a destination lane of the vehicle.

[0003] Collision warning systems are becoming more widely used. In general, collision warning systems provide a vehicle operator knowledge and awareness of objects or vehicles within close proximity so as to prevent a collision with those objects. Current collision warning systems are unitary in nature in that they only warn the operator of the vehicle containing the collision warning system of a potential collision. A sensor located on a vehicle, upon sensing an object generates an object detection signal, which is communicated to the operator of that vehicle.

[0004]

Warning systems for vehicles that are directed to the rear of the